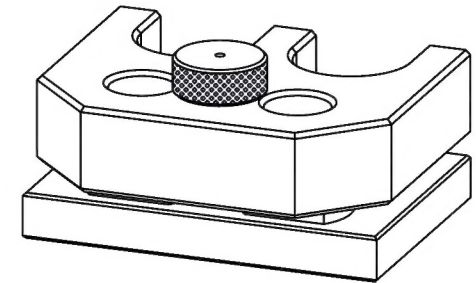
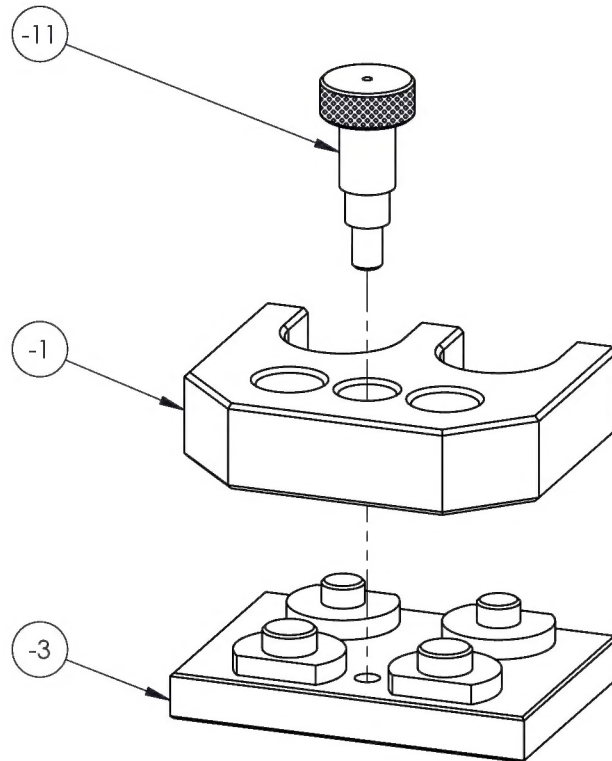


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	1/25/2016	DPD	JAG



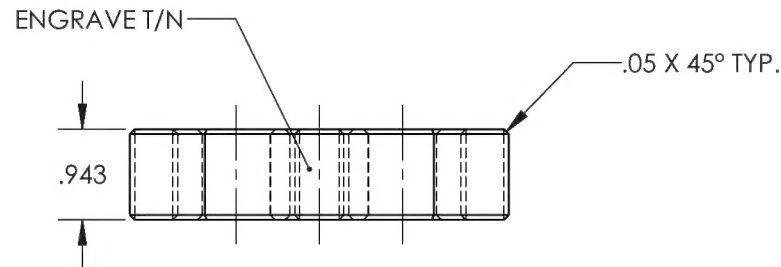
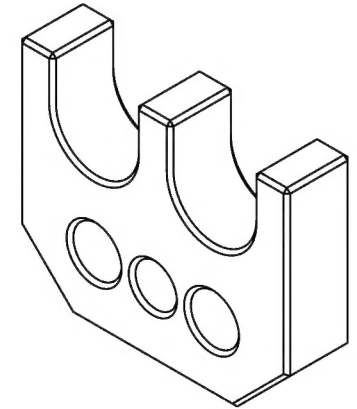
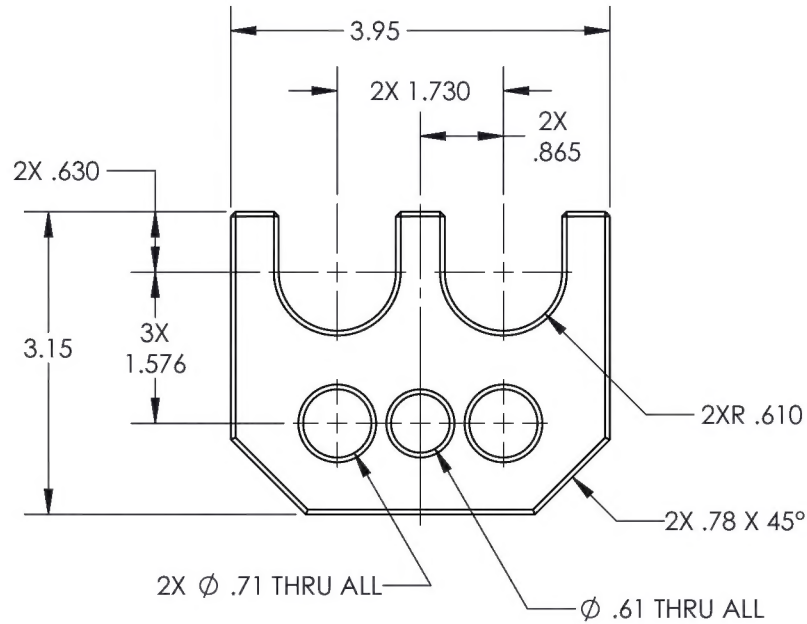
NOTE:  
REF. EUROCOPTER T/N: 105-31711W2.

<b>DART AEROSPACE</b>																				
TITLE <b>PUSHING-OUT TOOL</b>																				
DWG NO. <b>RBE105-31711W2</b>	REV <b>1</b>																			
<table border="1"> <tr> <td>MAT'L</td> <td rowspan="4"> <b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b>            .XXX ± .005 FRACTIONS ± 1/8            .XX ± .01 ANGLES ± .5°            .X ± .1 SURFACES = 125°            1. BREAK ALL SHARP EDGES            .015 x 45° OR .015R            2. DIMENSIONAL LIMITS APPLY            AFTER PLATING            3. INTERPRET DIM AND TOL PER            ASME Y14.5M-2009         </td> </tr> <tr> <td>HEAT TREAT</td> </tr> <tr> <td>FINISH</td> </tr> <tr> <td>SPEC</td> </tr> <tr> <td>DRAWN BY: <b>DUERFELDT</b></td> <td>USED ON MODEL</td> </tr> <tr> <td>CHECKED: <b>CLOUGH</b></td> <td><b>EC145</b></td> </tr> <tr> <td>OPPS APPR: <b>ANDERSON</b></td> <td></td> </tr> <tr> <td>QA APPR: <b>LINDSAY</b></td> <td></td> </tr> <tr> <td>APPROVED: <b>GILBERT</b></td> <td></td> </tr> <tr> <td>SCALE 1:2</td> <td>DATE 12/28/2015</td> </tr> <tr> <td colspan="2" style="text-align: right;">SHEET 1 OF 7</td> </tr> </table>		MAT'L	<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b> .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	HEAT TREAT	FINISH	SPEC	DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL	CHECKED: <b>CLOUGH</b>	<b>EC145</b>	OPPS APPR: <b>ANDERSON</b>		QA APPR: <b>LINDSAY</b>		APPROVED: <b>GILBERT</b>		SCALE 1:2	DATE 12/28/2015	SHEET 1 OF 7	
MAT'L	<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b> .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																			
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DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL																			
CHECKED: <b>CLOUGH</b>	<b>EC145</b>																			
OPPS APPR: <b>ANDERSON</b>																				
QA APPR: <b>LINDSAY</b>																				
APPROVED: <b>GILBERT</b>																				
SCALE 1:2	DATE 12/28/2015																			
SHEET 1 OF 7																				

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	DISTANCE PLATE	6061		2
	X		-3	1	PLATE WITH FOUR SUPPORT STUDS			3
	1		-5		PLATE	A36/1018/1020 HR		4
	2		-7		SUPPORT STUD SMALL	6061		5
	2		-9		SUPPORT STUD LARGE	6061		6
			-11	1	DRIFT	4140/4142		7
	ASSY -3							

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				APPROVED



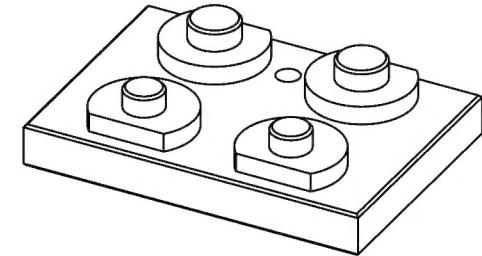
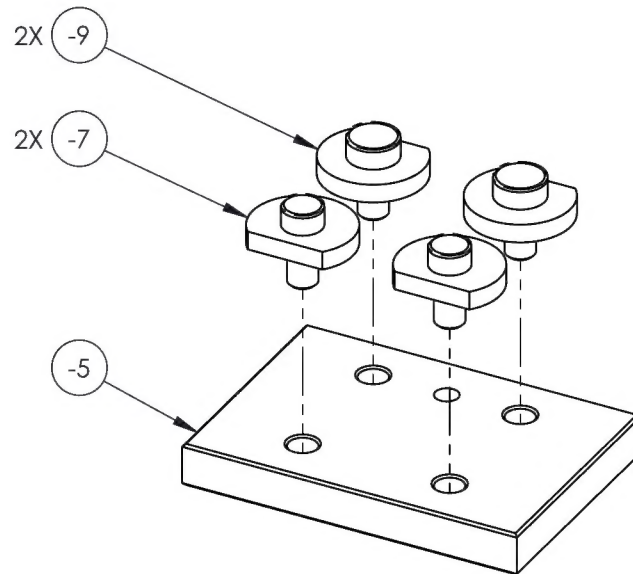
(-1)

DISTANCE PLATE

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-31711W2-1</b>	REV <b>1</b>
MAT'L 6061 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625, TYPE II, CLASS I	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL <b>EC145</b>
CHECKED: <b>CLOUGH</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:2</b>	DATE <b>12/28/2015</b>
SHEET 2 OF 7	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

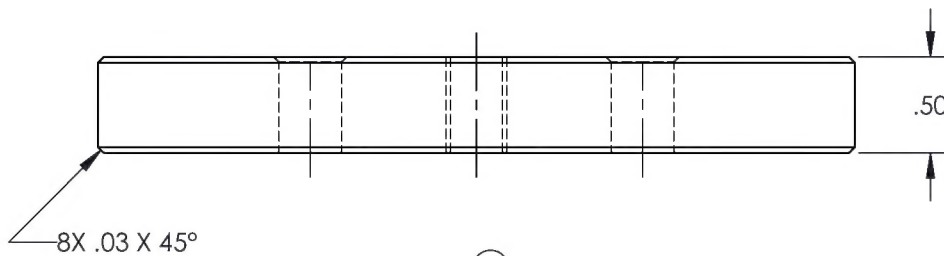
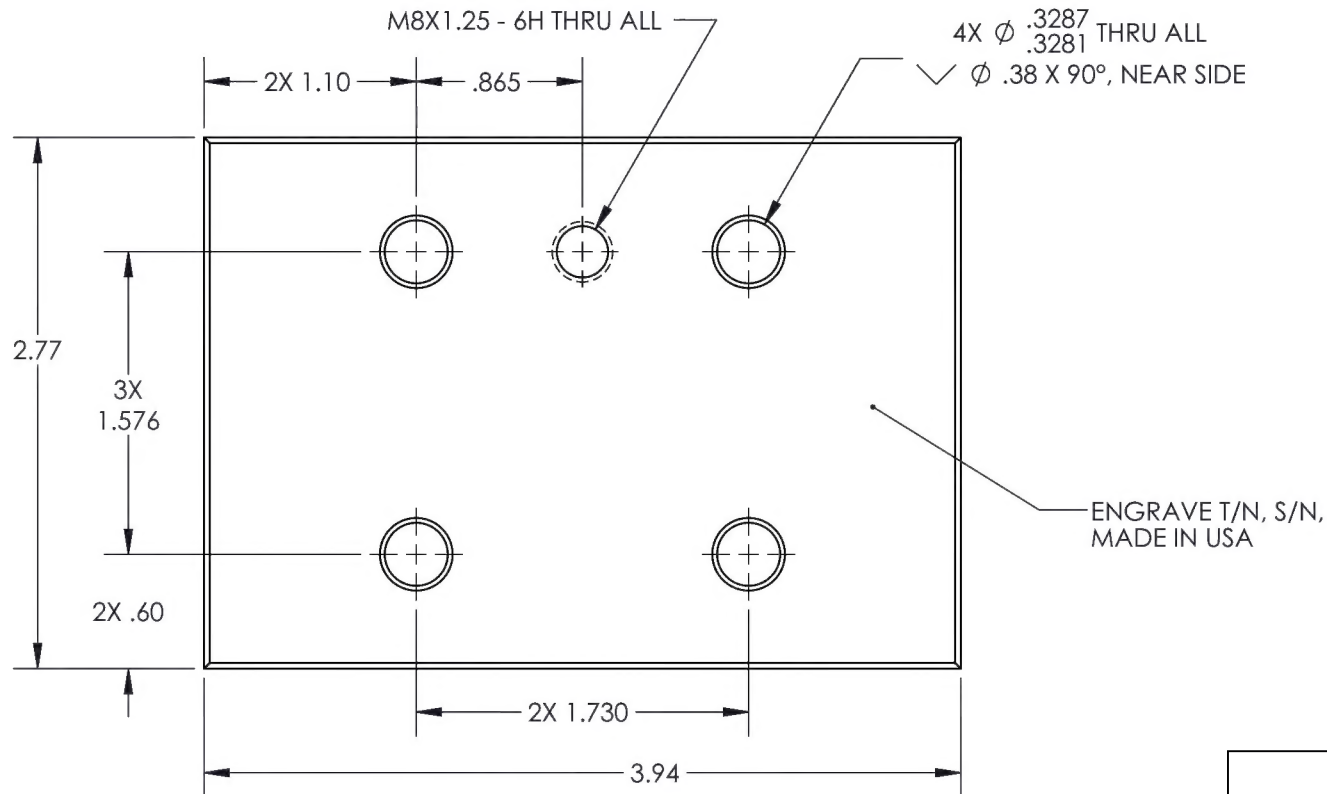
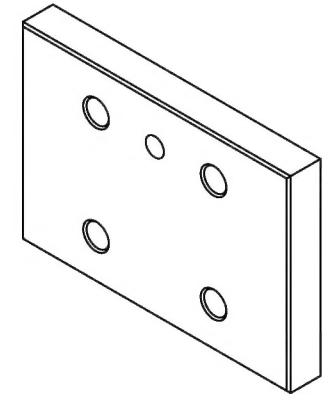


(3)  
PLATE WITH FOUR SUPPORT STUDS

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-31711W2-3</b>	REV <b>1</b>
MAT'L <b>REAT</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
TREAT <b>FINISH</b>	
SPEC	
DRAWN BY: <b>DUERFELDT</b>	
CHECKED: <b>CLOUGH</b>	USED ON MODEL <b>EC145</b>
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:2</b>	DATE <b>12/28/2015</b>
SHEET 3 OF 7	

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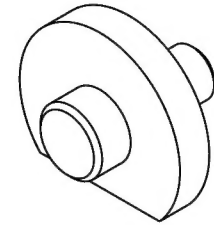
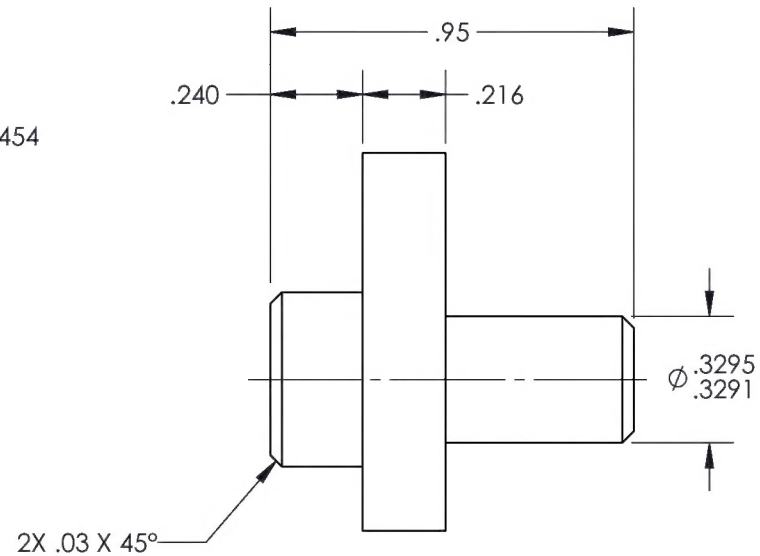
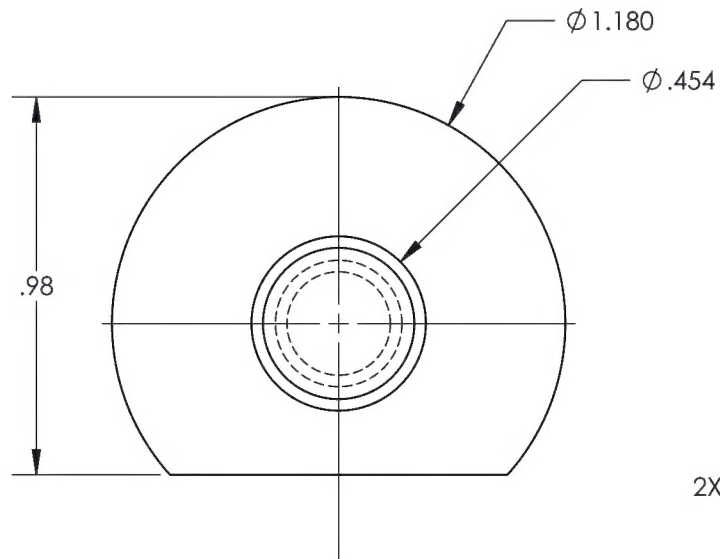


(-5)  
PLATE

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-31711W2-5</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
SPEC ASTM B633 TYPE I SC 2	.XX $\pm$ .01 ANGLES $\pm$ 5°
DRAWN BY: DUERFELDT	.X $\pm$ .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 12/28/2015	USED ON MODEL
SHEET 4 OF 7	EC145

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				APPROVED

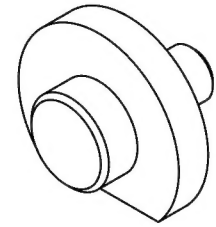
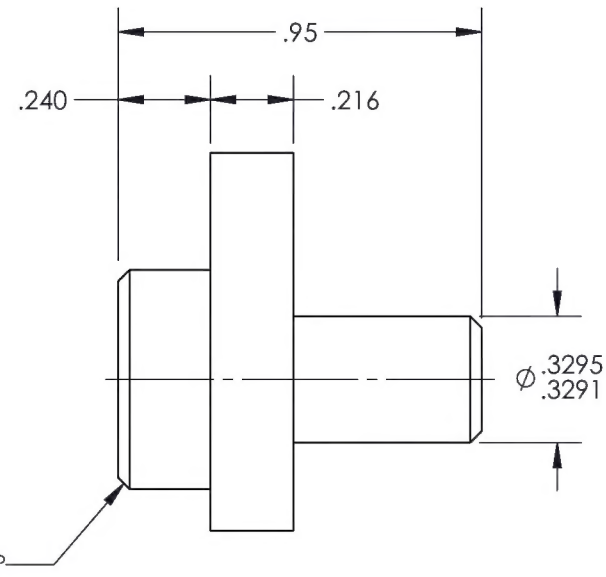
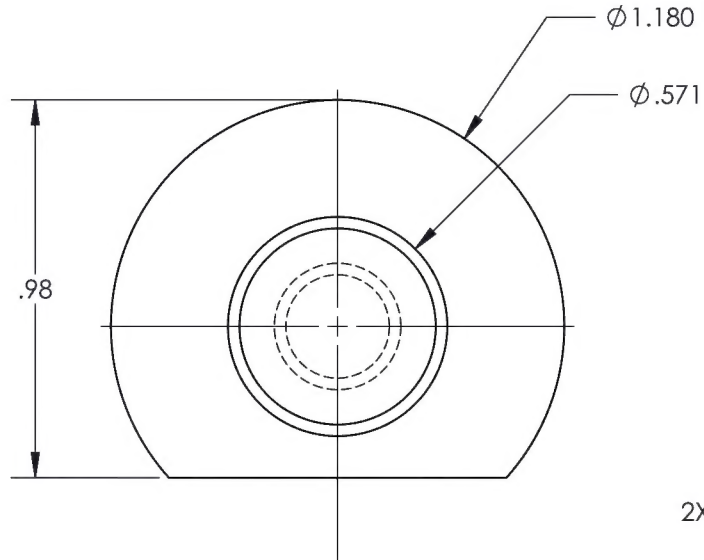


(-7)  
SUPPORT STUD SMALL

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-31711W2-7</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX $\pm$ .01 ANGLES $\pm$ .5°
DRAWN BY: DUERFELDT	.X $\pm$ .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 12/28/2015	USED ON MODEL
SHEET 5 OF 7	EC145

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				APPROVED



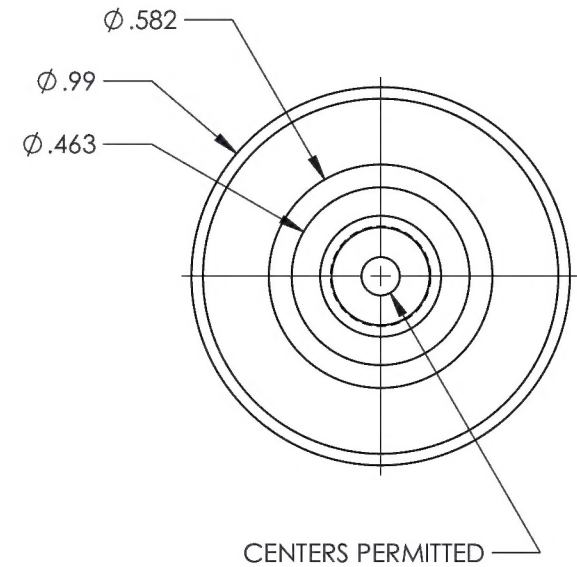
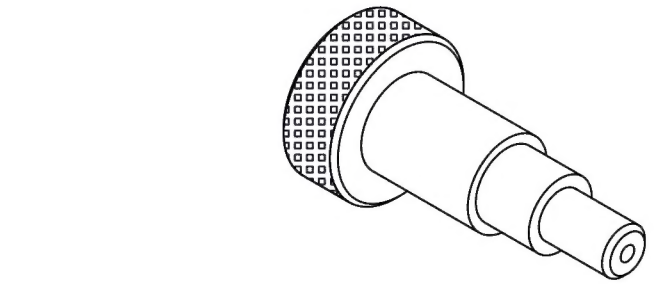
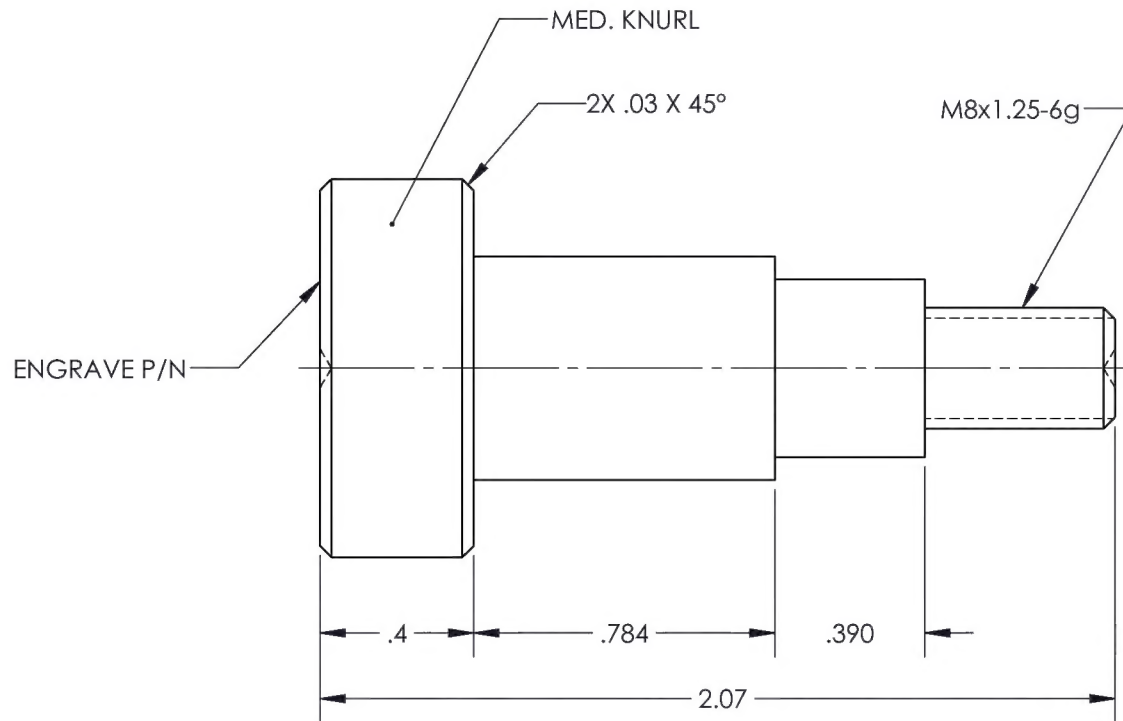
(-9)

SUPPORT STUD LARGE

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-31711W2-9</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ± .5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 2:1	DATE 12/28/2015
	SHEET 6 OF 7

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			INITIAL
			APPROVED



(11)

DRIFT

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-31711W2-11</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE III SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 12/28/2015	USED ON MODEL
	EC145
	SHEET 7 OF 7